



Above the Counter Loop System

IL-K300-85-00 / IL-K300-45-00
IL-K300-25-00 / IL-K300-05-00

Our Above the Counter Loop System provides clear communication with hearing aid wearers, especially where background noise is a problem or clear speech is restricted.

The hearing loop aerial is located within the signage, which is fixed to a counter, desk or glass surface to enable your customers to easily identify the loop and get maximum benefit from it. The unit can be fitted into many positions due to its low profile structure.

Components

- 1 to 1 Hearing Loop Driver [HLD2]
- Halo Microphone with Stem [STS-M72], **or**, Halo Microphone with Round Base [STS-M74-01], **or**, Mouse Microphone [STS-M70], **or**, Discreet Microphone [STS-M74]
- Hearing Loop Sign with Built-In Aerial [IL-AE97-00]
- Power Supply [PS-55-01]
- IEC Lead [IEC-LEAD-2M-UK]
- Fixings

Standards

- CE, ROHS and WEEE compliant
- BS EN 60118-4 in correct installations

Microphone Options



Halo Microphone with Stem
[optional brass stem]



Halo Microphone with Round Base



Mouse Microphone



Discreet Microphone
[optional bracket]

Applications

For use in any situation where one to one communication takes place at a counter, booth or desk, such as in:

- Banks
- Post offices
- Supermarkets
- Theatres
- Information centres
- Airports

Features

- Microprocessor control
- Energy-saving "green" standby mode achieves a power saving of up to 80% during quiet periods
- Advanced audio processing features AGC, compression and noise gate
- Constant-current loop drive
- Continuous self-testing
- Isolated audio line input allows the driver to take alternative audio sources (optional)
- Power and LED status indication
- Magnetic field range of 800mm

Talk to us now:
+44 (0) 1732 223900 (UK & ROW)
+1 616 392 3400 (US & Canada)
www.contacta.co.uk

Physical Data (boxed)

Dimensions (boxed)	Height – 85mm (3.15") Width – 320mm (12.6") Depth – 220mm (8.66")
Weight (boxed)	1kg (2.20lbs)



Physical and Technical Data (Individual Parts)

Component	Physical Data	Technical Data
Amplifier	Dimensions: Height - 116mm (4.57") Width - 115mm (4.53") Depth - 40mm (1.57") Weight: 100g (0.22lbs) Construction: ABS Plastic Housing Finish: Matt Black Fine Texture	Supply voltage: 12-14 VDC
		Quiescent current: 100mA typical
		Operating current: 2A typical on speech peaks
		Power switch: Push on - push off (tact switch under membrane)
		Microphones: Electret, supply 5V via 2.2K load resistor
		Speaker output power: RMS: 2.5W / 8 Ω 4.4W / 4 Ω
		Loop drive compliance: Constant current, bounded by 4V RMS & 2A RMS
Total harmonic distortion: <5% (loop and speakers)		
Halo Microphone with Stem	Dimensions: Height - 70mm (2.76") Width - 40mm (1.58") Length - 100mm (3.94") Weight: 65g (0.14lbs) Construction: ABS Plastic Finish: Pin Seal Texture	Directional response: Cardioid
		Frequency response: 70Hz - 14kHz
		Sensitivity: -46dBV @ 1KHz
		Distortion: Typically less than 1%
Halo Microphone with Round Base	Dimensions: Diameter (base) – 41mm (1.61") Height – 340mm (13.38") Weight: 37g (0.08lbs) Construction: ABS Plastic Finish: Pin Seal Texture	Directional response: Cardioid
		Frequency response: 70Hz - 14kHz
		Sensitivity: -67dB +/- 3dB @ 1kHz
		Impedance: 1.6K Ohms +/- 30% @ 1KHz
Mouse Microphone	Dimensions: Height - 12.4mm (0.49") Width - 24.65mm (0.97") Length - 25.5mm (1") Weight: 26g (0.57lbs) Construction: ABS Plastic Finish: Black Fine Texture	Directional response: Omni-directional
		Frequency response: 70Hz - 20KHz
		Sensitivity: -46dBV @ 1KHz
		Distortion: Typically less than 1%
Discreet Microphone	Dimensions: Height – 70mm (2.76") Width – 40mm (1.58") Length – 100mm (3.94") Weight: 65g (0.14lbs) Construction: ABS Plastic Finish: Satin Black	Directional response: Cardioid
		Frequency response: 70Hz - 14kHz
		Sensitivity: -67dB +/- 3dB @ 1kHz
		Impedance: 1.6K Ohms +/- 30% @ 1KHz
Hearing Loop Sign with Built-In Aerial	Dimensions: Height - 205mm (8.07") Width - 205mm (8.07") Depth - 5.4mm (0.21") Connection cable length - 2m (78.74") Weight: 200g (0.44lbs)	Magnetic field range approximately 800mm